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AIR	<u>C.</u>			25X1
		april	2,1954	25 X 1
Chief, WE		Attention:		25 X 1
Uniter's HE		INFO		25X1 25X1
	osed Equipment and Meth Cached	od for Sealing Ma	terials To	
has consulted its to dip for sealing most of specialized equip techniques as indica materials and equipm of explosives. In the foil-wrapped and the proposes to forward and examination as a sidered necessary to unless, in the field in specific localiti upon cache inspection discretion of the fiment and materials sor whether it would the course of routin quarters and in the attached specific and the tindication of the de	should be treated by the be preferable to use it is inspection of caches on the basisfications, be given a otal number of steel control where the steel control was a steel of the steel of	dvocate the use of d. This method is grank unit and gons and pamphlets this method with ters experts, the steel containers. to the Stations follow the Stations follow to containers of ional protection ge or deterioration also propose to cision whether all is method within tover a period of the sis of the formula is of the formula nestimate of the ontainers needed, ery if it should pered at one time.	f a hot plastic nvolves the use enerator), and attached. All the exception se would be Headquarters or inspection ver, not conthis kind, is warranted on of the PE leave to the l cached equipthe near future, f time and in that Headas contained total amount as well as an	25X1 25X1
ar cold	WE_6 WE/	PM		25 X 1
es para de la companya dela companya dela companya dela companya de la companya d	LO/SD/FS	Marie Co. Children Company		20/(1
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C/WE			ME_1 /PP	25X

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25X1 page 2 2. On the assumption that it might be found desirable to do the necessary repackaging and dipping at the caching sites where there is presumably no local electric power available, a 3-KW motor-generator has been included on the equipment list as a self-contained power source for the unit. In this case, all the equipment can be mounted and used on a truck. If, however, it is decided to transport all materials and equipment to be cached to a central point for sealing by this method, the motor-generator can be eliminated as a necessary item if so desired. The unit can be wired for whatever power source the field specifies. 25X1 3. The is requested to obtain opinion concerning this equipment and method. Moreover, if is able to supply this kind of 25X1 equipment, can provide the necessary training in its use, and prefers to do so, Headquarters has no objections. It is also possible that 25X1 knows of or has developed a method which it considers superior to the one proposed above by technical staff. In that case, Headquarters 25X1 would expect to be informed in detail and would be glad to approve it for use in the field if examination by Headquarters resulted in a favorable evaluation. 4. Headquarters requests that the 25X1 propose to that the cost of this equipment and necessary materials be borne equally by 25Y1 25X1 The Norwegians should not, in Headquarters opinion, bear any 25X1 25X1 part of the cost of materials. Should be unwilling to share the cost on any basis, is prepared to bear the full cost, since supplied the bulk of the caching materials used, some of which have now proved to be less than satisfactory. However, in this case Headquarters would expect to furnish its own equipment. Whenever the 25X1 agreement to the use of this equipment, on whatever basis, 25X1 it is requested that Headquarters and the 25X1 be informed so that representatives may in turn jointly inform the 25X1 and discuss details with the personnel. 25X1 is then requested to inform Headquarters and 25X1 decision in regard to the use of this equipment. 25X1 5. The will note that the separate specifications attached refer 25X1 to a special model considered more suitable incsize for than the regular models described in the pamphlet attached as Enclosure Furthermore, since the motor generator on this list, and 25X1 referred to in paragraph 1, is both expensive and heavy, Headquarters 25X1 would like to know whether has available or can procure a 3-KW motor-generator. In Headquarters' opinion, this would be clearly preferable. Headquarters also wishes to point out that the normal plastic material used in this method attracts fungus growth, and that rodents find it palatable. As evident from the attached specifications, the type of plastic which contains copper sulfate, while appreciably more expensive per pound, is fungus-resistant and rodent-repelling. Despite the higher cost, the field may find it desirable to specify that all or part of the

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of plastic/

plastic be of this latter type. It is requested that the field's estimate

		25 X			
	page 3				
	of plastic needed include an indication as to which kind is desired.				
6.	On the assumption that the will agree to the use of the equipment and method which may be jointly or unilaterally proposed, it	25 X 1			
	is then also thought necessary and desirable to select one individual idual for training at facilities in its use. This individual would require top secret clearance and should be able to speak English. A field check and PRQ should be initiated as soon as possible. Training	25X1 25X1			
	is expected to last from one to two weeks. would be prepared to bear the travel and living costs incurred by this person.	25 X 1			
7.	7. The are requested to expedite this matter so that, provided there is over-all agreement on using this method, procurement of all necessary equipment can be initiated in time for its use during this coming summer's intended cache inspections and repackaging of damaged materials and equipment.				
		25 X 1			
16	March 1954				
End	closures: 1. Specifications	25X1			
	2. Preservation, Packaging, and Packing, etc 3. Seal-Peel Guide	25X1 25X1			
Dis	stribution: 3 - , w/encls as noted	25 X 1			
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Enclosure No. 1

25X1

A. Specifications of Seal-Peel Brand Melting Tank, Model 715 CL Special Wired for 60 cycle, 110 volt

Approximate Size of tank:

Length 38"

Width 20" (The tank holds approximately 60 lb. of plastic)

Depth 24"

Dipping area 7" W x 15" L x 12" D

Pre-melt will be made with removable dam and plate and base

Plate 7" x 5" x 12"

1 - DIC thermostat to control the dipping area

1 - BIO thermostat to control the pre-melt and pumping system

3 - Pilot light assemblies

1 - 1/4 H.P. motor, 60 cycle, 110 volt

1 - Recessed disconnect with male and female plug in connections

Hinged lid with locking belts

1 - Drain Valve - removable

All controls mounted in recessed panel with locked door (Instructions for operation to be on the interior of the door) The entire assembly will be mounted on metal skids for easy

handling and loading.

Cost: \$785.00

Total Gross Weight: 350 1bs.

Power Consumption: 26+ amps at 60 cycle 110 volt Delivery time: 2 to 3 weeks from receipt of order

B. Generator:

Fairbanks-Morse 3 KW (Military Type) Diesel-powered Weight: 600¹ lbs.

Dimensions: 6' x 3½' x 4'

Cost \$1250.00

C. Materials:

Plastic in 10 lb. blocks (12" x 12" x 1")

(5 to a box of 12" x 12" x 6", weight of box, 50 lb.)

Cost per lb.: \$0.53. (\$0.87 per lb. if copper sulfate included as anti-fungus and anti-rodent protection)

Temperature range: -70° F. to +250° F.

It takes about 100 lbs. of plastic per volumetric ton (40 cu.ft.).

D. Steel Containers:

Maximum cost: \$30.00.

Dimensions: 6" x 9" x 16½"

Weight: 8 lbs.